

Specification at page 6, line 3:

A3 Still another aspect of the present invention is an optical recording apparatus, wherein said aberration amount is substantially a spherical aberration amount and/or a coma aberration amount.

Specification at page 6, line 7:

Yet still another aspect of the present invention is an optical recording apparatus, wherein said detection means is capable of detecting the spherical aberration amount and the coma aberration amount, and outputs the spherical aberration amount as a spherical aberration detection signal  $S_1$  and outputs the coma aberration amount as a coma aberration detection signal  $S_2$ , and wherein said control means controls the output of the light source so that, when the output of the light source necessary for the recording under a condition where  $S_1 = S_2 = 0$  is  $P_0$ , the output is  $P_0 / (1 - K \cdot (S_1^2 + S_2^2))$  for a predetermined constant  $K$ .

Specification at page 6, line 18:

A5 Still yet another aspect of the present invention is an optical recording apparatus, wherein said information recording is performed on an optical disk, wherein said detection means detects and outputs a tilt amount of the optical disk as the signal associated with the aberration amount, and wherein the coma aberration amount is calculated based on a predetermined relationship that holds between the coma aberration amount and the tilt amount.

Specification at page 7, line 1:

A6 A further aspect of the present invention is an optical recording apparatus, wherein said information recording is stopped when  $1 / (1 - K \cdot S^2) > 1.5$ .

Specification at page 7, line 4:

A7  
A still further aspect of the present invention is an optical recording apparatus, wherein said detection means detects the detected aberration amount as an aberration detection signal S, and wherein when the aberration detection signal and the output of the light source obtained by initial learning in the recording are  $S_i$  and  $P_i$ , respectively, said control means controls the output of the light source so that the output is  $P_i(1-K \cdot S_i^2)/(1-K \cdot S^2)$  for a predetermined constant K.

Specification at page 7, line 13:

A8  
A yet further aspect of the present invention is an optical recording method of controlling a light source for generating a light spot used for information recording, said method comprising:

Specification at page 7, line 22:

A9  
A still yet further aspect of the present invention is a program for causing a computer to function as all or part of the control means of the optical recording apparatus.

Specification at page 8, line 1:

A10  
An additional aspect of the present invention is a program for causing a computer to perform all or part of the control step of the optical recording method.

Specification at page 8, line 4:

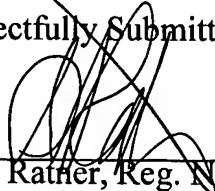
A11  
A still additional aspect of the present invention is a medium carrying a program for causing a computer to function as all or part of the

AI1  
control means of the optical recording apparatus, said medium being computer-processable.

Specification at page 8, line 9:

AI2  
A yet additional aspect of the present invention is a medium carrying a program for causing a computer to perform all or part of the control step of the optical recording method, said medium being computer-processable.

Respectfully Submitted,

  
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AR/dlm

Enclosure: Version with markings to show changes made

Dated: October 30, 2001

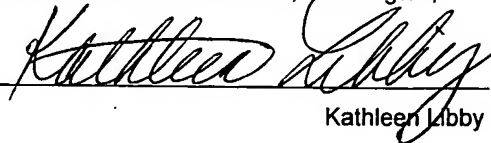
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Kathleen Libby